

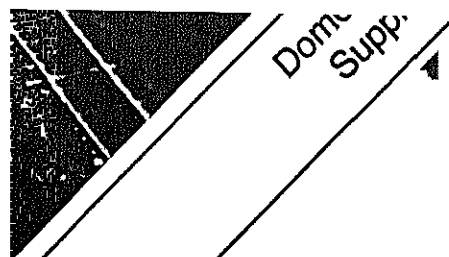
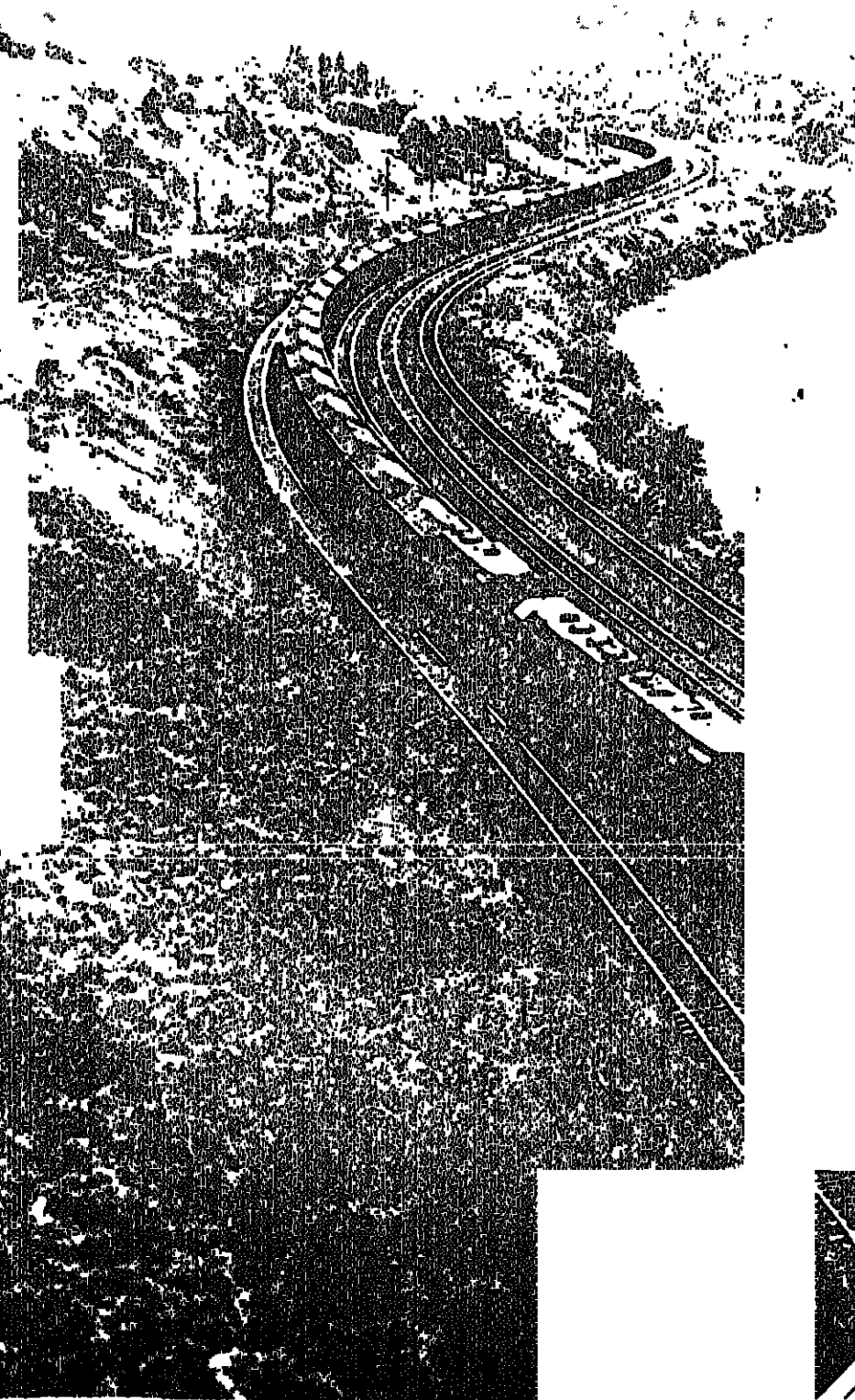


# Weekly Coal Production



Energy  
Information  
Administration

Production for Week Ended:  
November 17, 1990



# Preface

The *Weekly Coal Production (WCP)* provides weekly estimates of U.S. coal production by State. Supplementary data are usually published monthly in two supplements: the Coal Exports and Imports Supplement and the Domestic Market Supplement. The Coal Exports and Imports Supplement contains detailed monthly data on U.S. coal and coke exports and imports. This week's Domestic Market Supplement contains detailed monthly electric utility coal statistics, by Census Division and State, for generation, consumption, stocks, receipts, sulfur content, prices, and the origin and destination of coal shipments. This supplement also contains summary-level, monthly data for all coal-consuming sectors on a quarterly basis.

Preliminary coal production data are published quarterly, based on production data collected using Form EIA-6, "Coal Distribution Report." Based on 1988 data, the coal production estimation error for a quarter at the national level (i.e., the difference between the sum of the weekly estimates for a quarter and the quarterly EIA-6 preliminary data) ranges from 1 percent to 4 percent.

Final coal production data are published annually, based on the EIA-7A coal production survey. Based on 1988 data, the revision error for a quarter at the national level (i.e., the difference between the EIA-6 preliminary data and the EIA-7A final data) ranges from .02 percent to .08 percent.

This publication is prepared by the Coal Division; Office of Coal, Nuclear, Electric and Alternate Fuels; Energy Information Administration (EIA) to fulfill its data collection and dissemination responsibilities as specified in the Federal Energy Administration Act of 1974 (P.L. 93-275) as amended. *Weekly Coal Production* is intended for use by industry, press, State and local governments, and consumers. Other publications that may be of interest are the quarterly *Coal Distribution*, the *Quarterly Coal Report*, *Coal Production 1988*, and *Coal Data: A Reference*.

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# Contents

	Page
Summary .....	1

## Illustrations

	Page
1. Coal Production .....	1

## Tables

	Page
1. Coal Production .....	2
2. Coal Production by State .....	2
3. Coal Statistics for Electric Utilities, 1981-1990 .....	3
4. Coal-Fired Net Generation, August 1990 .....	4
5. Coal Consumption at Electric Utility Plants, August 1990 .....	5
6. Coal Stocks at Electric Utility Plants, August 1990 .....	6
7. Coal Receipts at Electric Utility Plants, July 1990 .....	7
8. Quality and Price of Coal Receipts at Electric Utility Plants, July 1990 .....	8
9. Quality and Price of Contract Coal Receipts at Electric Utility Plants, July 1990 .....	9
10. Quality and Price of Spot Coal Receipts at Electric Utility Plants, July 1990 .....	10
11. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, July 1990 .....	11
12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-July 1990 .....	12
13. Destination of Coal Received at Electric Utility Plants by Origin, January-July 1990 .....	13
14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990 .....	17



## Summary

U.S. coal production in the week ended November 17, 1990, as estimated by the Energy Information Administration, totaled 21 million short tons, about the same as in the previous week, and in the comparable week in 1989. Production east of the Mississippi River totaled 13 million short tons, and production west of the Mississippi River totaled 9 million short tons.

Coal consumption at electric utility plants in August 1990 totaled 73 million short tons, 4 percent higher than in August 1989. Total coal consumption at electric utility plants for the first 8 months of 1990 was 511 million short tons, slightly more than in the comparable period in 1989. The largest regional changes occurred in the East North Central Census Division, where consumption rose 5 million short tons, and the South Atlantic Census Division, where consumption dropped 5 million short tons.

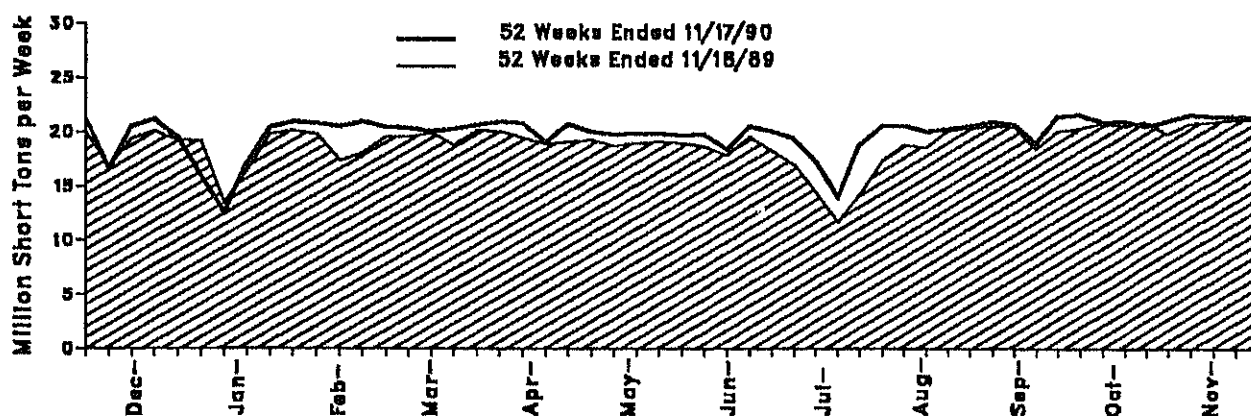
In the East North Central Census Division, electric utility coal consumption was up, because coal-fired

generation was used to meet the higher electricity demand. In the South Atlantic Census Division, electric utility coal consumption was down, because the demand for electricity was lower, particularly in Maryland, North Carolina and West Virginia.

Electric utility coal stocks were 13 percent more than a year ago, with stocks on August 31, 1990, at 152 million short tons, compared with 134 million short tons on August 31, 1989. Electric utilities drew down coal stocks by 3 million short tons during August 1990.

Coal receipts at electric utility plants in July 1990 were 63 million short tons, 14 percent higher than a year earlier. Total coal receipts at electric utilities for the first 7 months of 1990 totaled 453 million short tons, 6 percent more than in the comparable period in 1989, reflecting the build-up of coal stocks at electric utilities during 1990.

Figure 1. Coal Production



**Table 1. Coal Production**

Production and Carloadings	Week Ended			52 Weeks Ended		
	11/17/90	11/10/90	11/18/89	11/17/90	11/18/89	Percent Change
<b>Production (Thousand Short Tons)</b>						
Bituminous <sup>1</sup> and Lignite ...	21,265	21,380	21,090	1,028,944	979,408	5.1
Pennsylvania Anthracite ...	96	62	74	3,324	3,374	-1.5
<b>U.S. Total...</b>	<b>21,361</b>	<b>21,442</b>	<b>21,163</b>	<b>1,032,268</b>	<b>982,782</b>	<b>5.0</b>
<b>Railroad Cars Loaded</b>	<b>135,921</b>	<b>136,683</b>	<b>136,058</b>	<b>6,655,352</b>	<b>6,394,509</b>	

<sup>1</sup> Includes subbituminous coal.

Notes: 1990 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 2. Coal Production by State  
(Thousand Short Tons)**

Region and State	Week Ended		
	11/17/90	11/10/90	11/18/89
<b>Bituminous Coal<sup>1</sup> and Lignite</b>			
<b>East of the Mississippi</b>	<b>12,572</b>	<b>13,044</b>	<b>13,204</b>
Alabama	545	621	639
Illinois	1,180	1,217	1,197
Indiana	975	841	765
Kentucky	3,160	3,540	3,684
Kentucky, Eastern	2,405	2,542	2,716
Kentucky, Western	756	998	968
Maryland	59	62	69
Ohio	744	744	754
Pennsylvania Bituminous	1,580	1,574	1,599
Tennessee	135	143	155
Virginia	844	890	873
West Virginia	3,251	3,414	3,468
<b>West of the Mississippi</b>	<b>8,692</b>	<b>8,336</b>	<b>7,886</b>
Alaska	31	31	44
Arizona	262	263	250
Arkansas	2	2	2
Colorado	426	428	379
Iowa	8	8	7
Kansas	25	25	25
Louisiana	83	64	75
Missouri	62	62	77
Montana	822	785	786
New Mexico	525	456	397
North Dakota	677	647	586
Oklahoma	38	37	39
Texas	1,192	1,198	1,111
Utah	482	479	436
Washington	107	108	109
Wyoming	3,950	3,743	3,563
<b>Bituminous<sup>1</sup> and Lignite Total</b>	<b>21,265</b>	<b>21,380</b>	<b>21,090</b>
<b>Pennsylvania Anthracite</b>	<b>96</b>	<b>62</b>	<b>74</b>
<b>U.S. Total</b>	<b>21,361</b>	<b>21,442</b>	<b>21,163</b>

<sup>1</sup> Includes subbituminous coal.

Notes: 1990 data are preliminary. Total may not equal sum of components because of independent rounding.

Sources: Association of American Railroads, Transportation Division, Weekly Statement CS-54A; Energy Information Administration, Form EIA-6, "Coal Distribution Report"; Form EIA-7A, "Coal Production Report"; and State mining agency coal production reports.

**Table 3. Coal Statistics for Electric Utilities, 1981-1990**

Year and Month	Receipts				Consumption (thousand short tons)	Generation		Stocks (thousand short tons)
	Quantity (thousand short tons)	Percent Contract	Price (cents per MM Btu)	Quality (lbs. sulfur per MM Btu)		GWh <sup>1</sup>	Percent Coal	
1981	579,374	88.9	153	1.43	596,797	1,203,203	52.4	168,893
1982	601,427	90.4	165	1.42	593,868	1,192,004	53.2	181,132
1983	592,728	88.3	166	1.39	625,211	1,259,424	54.5	155,598
1984	684,111	85.5	160	1.39	664,399	1,341,881	55.5	179,727
1985	666,743	88.9	165	1.32	693,841	1,402,128	56.8	156,378
1986	686,964	87.5	158	1.32	685,056	1,385,831	55.7	161,808
1987	721,298	84.6	151	1.31	717,894	1,463,781	56.9	170,797
1988								
January	58,626	85.7	147	1.32	67,850	137,845	57.9	163,561
February	56,871	86.7	149	1.27	61,401	126,267	58.2	160,424
March	59,021	88.8	149	1.27	58,758	120,034	58.1	162,603
April	56,136	87.9	150	1.24	54,135	109,135	55.7	165,750
May	57,920	87.9	150	1.25	56,529	115,195	55.3	166,328
June	59,337	87.1	148	1.25	65,343	132,268	56.8	161,215
July	58,989	86.9	146	1.21	71,749	144,301	56.0	148,234
August	60,896	86.4	145	1.24	75,253	152,377	56.9	141,389
September	63,103	85.2	145	1.27	61,540	124,410	56.5	142,830
October	63,574	86.3	146	1.29	59,561	121,338	57.6	147,130
November	62,015	84.3	146	1.26	59,305	121,054	57.8	150,016
December	63,487	82.6	142	1.27	66,948	136,427	56.6	146,507
Total	727,775	86.3	147	1.26	758,372	1,540,653	57.0	
1989								
January	62,443	82.6	143	1.28	66,619	134,968	58.1	142,403
February	56,634	82.9	145	1.29	62,613	127,194	57.9	137,354
March	63,218	83.4	144	1.28	61,906	126,706	55.9	138,949
April	62,076	82.2	144	1.27	55,929	115,271	55.5	144,596
May	64,796	84.0	145	1.30	58,359	118,956	54.1	150,970
June	61,272	83.9	145	1.26	63,623	128,454	54.6	148,968
July	55,429	83.2	144	1.22	69,705	138,467	53.9	134,859
August	70,147	82.9	145	1.29	70,471	141,710	54.9	133,932
September	64,539	81.1	146	1.27	62,889	126,730	55.9	135,629
October	66,578	80.7	145	1.29	60,541	122,212	55.7	142,270
November	65,570	80.7	144	1.28	60,896	124,154	56.7	147,131
December	60,515	81.9	143	1.27	72,267	147,030	56.8	135,894
Total	753,217	82.4	144	1.28	765,820	1,551,852	55.8	
1990								
January	67,637	82.7	145	1.30	68,060	132,496	55.9	138,358
February	62,280	82.1	146	1.30	58,003	115,898	54.5	143,413
March	67,518	83.1	145	1.31	60,618	122,958	54.5	150,808
April	63,888	82.9	147	1.30	57,661	117,111	55.6	158,318
May	64,958	83.1	148	1.30	59,042	119,644	53.8	163,233
June	63,604	82.4	146	1.29	65,167	132,459	53.2	162,745
July	63,427	82.8	144	1.26	71,020	144,232	54.2	154,979
August	NA	NA	NA	NA	73,200	146,858	54.8	151,996

<sup>1</sup> Gigawatt-hours

NA Not available.

Note. MM Btu represents million Btu

Sources. Receipts: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants." Consumption, Stocks and Generation: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report"



**Table 4. Coal-Fired Net Generation, August 1990**  
(Gigawatthours)

Census Division and State	August 1990	August 1989	Percent Change	Year to Date				
				Coal Generation			Percent of Total Generation	
				1990	1989	Percent Change	1990	1989
<b>New England</b>	<b>1,506</b>	<b>1,286</b>	<b>18.9</b>	<b>10,476</b>	<b>11,099</b>	<b>-5.6</b>	<b>16.4</b>	<b>17.4</b>
Connecticut	221	224	-1.2	1,645	1,291	27.4	7.5	5.6
Maine	-	-	-	-	-	-	-	-
Massachusetts	980	748	31.0	7,132	7,754	-8.0	27.7	31.0
New Hampshire	304	294	3.3	1,699	2,054	-17.3	29.4	41.0
Rhode Island	*	*	NM	*	*	NM	*	*
Vermont	-	-	-	-	-	-	-	-
<b>Middle Atlantic</b>	<b>12,138</b>	<b>12,336</b>	<b>-1.6</b>	<b>90,823</b>	<b>91,342</b>	<b>-.6</b>	<b>40.4</b>	<b>42.8</b>
New Jersey	820	754	8.7	5,012	5,830	-14.0	22.0	20.6
New York	2,297	2,177	5.5	16,730	16,691	2	19.1	19.3
Pennsylvania	9,021	9,404	-4.1	69,081	68,822	.4	60.3	69.1
<b>East North Central</b>	<b>32,446</b>	<b>30,028</b>	<b>8.1</b>	<b>242,660</b>	<b>235,141</b>	<b>3.2</b>	<b>73.9</b>	<b>73.2</b>
Illinois	4,921	4,649	5.8	36,871	32,303	13.5	43.2	37.8
Indiana	8,763	7,463	17.4	65,071	56,653	14.9	99.3	98.7
Michigan	5,808	5,693	-1.5	43,686	44,735	-2.3	69.7	73.5
Ohio	10,179	9,359	8.8	75,883	80,478	-5.7	89.8	91.6
Wisconsin	2,976	2,864	3.9	21,349	20,972	1.8	71.0	70.9
<b>West North Central</b>	<b>15,295</b>	<b>14,838</b>	<b>3.1</b>	<b>108,511</b>	<b>107,063</b>	<b>1.4</b>	<b>74.9</b>	<b>74.9</b>
Iowa	2,444	2,213	10.4	16,597	16,644	-.3	66.0	84.6
Kansas	2,239	2,151	4.1	16,165	15,573	3.8	72.3	67.0
Minnesota	2,209	2,282	-3.2	16,909	16,687	1.3	64.6	66.1
Missouri	4,724	4,922	-4.0	31,172	33,422	-8.7	78.3	84.7
Nebraska	1,216	1,109	9.6	9,250	7,589	21.9	62.8	56.5
North Dakota	2,237	1,944	15.1	16,840	15,568	8.2	92.8	91.8
South Dakota	227	217	4.9	1,579	1,580	-.1	35.9	31.5
<b>South Atlantic</b>	<b>32,116</b>	<b>30,050</b>	<b>6.9</b>	<b>211,480</b>	<b>223,729</b>	<b>-5.5</b>	<b>59.0</b>	<b>61.9</b>
Delaware	409	479	-14.5	3,144	3,359	-6.4	63.4	59.4
District of Columbia	-	-	-	-	-	-	-	-
Florida	5,810	5,600	3.8	39,699	39,379	.8	48.0	48.0
Georgia	7,317	6,386	14.6	44,599	43,359	2.9	68.5	69.6
Maryland	2,079	2,314	-10.1	15,768	16,132	-2.3	76.3	63.4
North Carolina	5,076	4,612	10.1	29,878	33,914	-12.5	54.3	57.8
South Carolina	2,477	2,423	2.2	15,625	16,907	-7.6	33.4	37.3
Virginia	2,124	2,161	-1.7	12,738	17,124	-25.6	38.9	62.6
West Virginia	6,823	6,075	12.3	50,209	53,555	-6.2	99.0	99.0
<b>East South Central</b>	<b>18,433</b>	<b>17,312</b>	<b>6.5</b>	<b>120,613</b>	<b>116,818</b>	<b>3.2</b>	<b>71.9</b>	<b>72.3</b>
Alabama	5,928	5,418	9.4	34,386	35,058	-1.9	66.4	67.5
Kentucky	6,671	6,199	7.6	47,807	44,113	8.4	95.6	93.8
Mississippi	1,231	1,201	2.5	6,609	5,937	11.3	39.2	43.2
Tennessee	4,603	4,495	2.4	31,812	31,710	.3	64.7	64.9
<b>West South Central</b>	<b>17,397</b>	<b>17,637</b>	<b>-1.4</b>	<b>118,922</b>	<b>120,276</b>	<b>-1.1</b>	<b>47.0</b>	<b>48.6</b>
Arkansas	1,978	1,883	17.6	11,945	11,418	4.6	47.8	51.1
Louisiana	1,632	2,009	-18.7	11,054	12,908	-14.4	28.6	35.4
Oklahoma	2,502	2,309	8.3	16,704	15,924	4.9	53.8	53.0
Texas	11,284	11,837	-3.0	79,219	80,026	-1.0	50.0	50.5
<b>Mountain</b>	<b>16,677</b>	<b>17,267</b>	<b>-3.4</b>	<b>123,491</b>	<b>120,523</b>	<b>2.5</b>	<b>76.4</b>	<b>77.0</b>
Arizona	3,061	3,304	-7.4	21,776	21,393	1.8	54.9	58.3
Colorado	2,627	2,682	-2.1	19,880	19,368	2.6	94.2	90.2
Idaho	-	-	-	-	-	-	-	-
Montana	921	1,530	-39.8	9,169	10,192	-10.0	58.0	62.6
Nevada	1,435	1,557	-7.9	9,322	10,905	-14.5	75.9	78.0
New Mexico	2,329	2,491	-6.5	17,576	16,411	7.1	90.0	89.5
Utah	2,758	2,642	4.4	20,940	19,307	8.5	97.6	97.0
Wyoming	3,545	3,059	15.9	24,828	22,947	8.2	97.9	97.6
<b>Pacific</b>	<b>852</b>	<b>976</b>	<b>-12.8</b>	<b>4,701</b>	<b>5,738</b>	<b>-18.0</b>	<b>2.5</b>	<b>3.1</b>
California	-	-	-	-	-	-	-	-
Oregon	80	*	NM	67	440	-84.7	.2	1.4
Washington	749	955	-21.6	4,423	5,097	-13.2	6.3	8.7
Alaska	22	21	5.4	211	199	6.2	7.2	6.9
Hawaii	-	-	-	-	-	-	-	-
<b>U.S. Total</b>	<b>148,858</b>	<b>141,710</b>	<b>3.6</b>	<b>1,031,858</b>	<b>1,031,727</b>	<b>*</b>	<b>54.5</b>	<b>55.6</b>

\* For quantity data, the absolute value of the number is less than 0.5 gigawatthours. For percentage calculations, the absolute value of the number is less than 0.05 percent.

NM<sup>1</sup> Percent change calculation not meaningful as value is greater than 500

Notes: Negative generation denotes that electric power consumed for plant use exceeds gross generation. Totals may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 5. Coal Consumption at Electric Utility Plants, August 1990**  
(Thousand Short Tons)

Census Division and State	August 1990	July 1990	August 1989	Year to Date		
				1990	1989	Percent Change
<b>New England</b>	<b>571</b>	<b>550</b>	<b>486</b>	<b>3,988</b>	<b>4,187</b>	<b>-4.8</b>
Connecticut	87	84	89	673	522	28.0
Massachusetts	369	380	286	2,658	2,887	-7.9
New Hampshire	115	98	112	657	778	-15.6
Rhode Island	*	*	*	*	*	-
<b>Middle Atlantic</b>	<b>4,949</b>	<b>4,791</b>	<b>5,017</b>	<b>36,817</b>	<b>37,173</b>	<b>-1.0</b>
New Jersey	316	295	298	1,932	2,261	-14.6
New York	946	879	881	6,769	6,703	1.0
Pennsylvania	3,687	3,617	3,838	28,116	28,208	-.3
<b>East North Central</b>	<b>15,473</b>	<b>15,387</b>	<b>14,357</b>	<b>115,338</b>	<b>109,860</b>	<b>5.0</b>
Illinois	2,548	2,428	2,379	18,688	16,177	15.5
Indiana	4,357	4,417	3,682	32,338	27,627	17.1
Michigan	2,584	2,661	2,567	19,937	19,732	1.0
Ohio	4,309	4,253	4,110	32,364	34,466	-6.1
Wisconsin	1,675	1,628	1,610	12,010	11,859	1.3
<b>West North Central</b>	<b>9,659</b>	<b>9,367</b>	<b>9,298</b>	<b>68,448</b>	<b>66,847</b>	<b>2.4</b>
Iowa	1,491	1,421	1,359	10,251	10,035	2.2
Kansas	1,408	1,374	1,383	10,216	10,039	1.8
Minnesota	1,464	1,378	1,486	10,620	10,469	1.4
Missouri	2,398	2,302	2,475	15,573	16,534	-5.8
Nebraska	772	805	702	5,848	4,791	22.1
North Dakota	1,910	1,875	1,688	14,437	13,462	7.2
South Dakota	217	214	205	1,504	1,517	-.9
<b>South Atlantic</b>	<b>12,929</b>	<b>12,352</b>	<b>12,048</b>	<b>84,029</b>	<b>89,239</b>	<b>-5.8</b>
Delaware	176	206	208	1,318	1,411	-6.6
Florida	2,384	2,297	2,316	16,091	16,100	-.1
Georgia	3,067	2,829	2,570	18,175	17,763	2.3
Maryland	789	850	899	6,059	6,173	-1.8
North Carolina	1,884	1,745	1,790	11,471	13,058	-12.2
South Carolina	1,002	971	988	6,253	6,708	-6.8
Virginia	856	814	860	5,019	6,835	-26.6
West Virginia	2,662	2,640	2,437	19,642	21,191	-7.3
<b>East South Central</b>	<b>7,810</b>	<b>7,564</b>	<b>7,331</b>	<b>51,068</b>	<b>49,217</b>	<b>3.8</b>
Alabama	2,437	2,209	2,221	14,232	14,309	-.5
Kentucky	2,841	3,064	2,766	20,934	19,339	8.2
Mississippi	507	499	484	2,708	2,438	11.1
Tennessee	1,825	1,792	1,859	13,195	13,131	.5
<b>West South Central</b>	<b>12,076</b>	<b>11,579</b>	<b>12,020</b>	<b>81,563</b>	<b>83,530</b>	<b>-2.4</b>
Arkansas	1,203	1,293	1,018	7,372	6,950	6.1
Louisiana	1,245	1,137	1,267	7,515	8,429	-10.8
Oklahoma	1,467	1,403	1,379	9,834	9,527	3.2
Texas	8,160	7,747	8,357	56,841	58,625	-3.0
<b>Mountain</b>	<b>8,186</b>	<b>8,931</b>	<b>8,288</b>	<b>66,359</b>	<b>65,387</b>	<b>1.5</b>
Arizona	1,545	1,656	1,724	10,891	10,738	1.4
Colorado	1,403	1,403	1,439	10,644	10,355	2.8
Montana	584	619	953	5,791	6,470	-10.5
Nevada	937	657	756	4,782	5,321	-10.5
New Mexico	1,367	1,387	1,448	10,235	10,101	1.3
Utah	1,186	1,198	1,155	8,976	8,404	6.8
Wyoming	2,144	2,011	1,816	15,060	13,989	7.6
<b>Pacific</b>	<b>566</b>	<b>488</b>	<b>628</b>	<b>3,158</b>	<b>3,796</b>	<b>-16.6</b>
Oregon	55	*	*	55	306	-82.0
Washington	491	462	609	2,916	3,300	-11.6
Alaska	20	25	17	187	181	3.0
<b>U.S. Total</b>	<b>73,200</b>	<b>71,020</b>	<b>70,471</b>	<b>510,768</b>	<b>509,226</b>	<b>.3</b>

\* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note: Total may not equal sum of components because of independent rounding.

Source: Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 6. Coal Stocks at Electric Utility Plants, August 1990**  
(Thousand Short Tons)

Census Division and State	August 31, 1990	July 31, 1990	August 31, 1989	Percent Change August 31: 1990 versus 1989
<b>New England</b>	<b>1,392</b>	<b>1,473</b>	<b>1,119</b>	<b>24.4</b>
Connecticut	149	213	137	8.3
Massachusetts	844	849	774	9.0
New Hampshire	372	383	180	106.9
Rhode Island	28	28	28	*
<b>Middle Atlantic</b>	<b>15,863</b>	<b>15,738</b>	<b>13,138</b>	<b>20.7</b>
New Jersey	720	782	539	33.6
New York	1,561	1,672	1,243	25.6
Pennsylvania	13,582	13,284	11,356	19.6
<b>East North Central</b>	<b>37,155</b>	<b>36,730</b>	<b>34,207</b>	<b>8.6</b>
Illinois	7,141	7,423	9,253	-22.8
Indiana	9,367	9,320	7,698	21.7
Michigan	7,676	7,191	7,063	8.7
Ohio	9,097	8,926	5,905	54.0
Wisconsin	3,875	3,870	4,287	-9.6
<b>West North Central</b>	<b>19,408</b>	<b>20,023</b>	<b>19,327</b>	<b>.4</b>
Iowa	3,876	4,024	3,925	-1.3
Kansas	3,457	3,536	3,491	-1.0
Minnesota	2,055	2,243	2,055	*
Missouri	5,017	5,097	4,063	23.5
Nebraska	1,513	1,618	1,730	-12.5
North Dakota	3,197	3,221	3,773	-15.3
South Dakota	291	284	289	.9
<b>South Atlantic</b>	<b>26,802</b>	<b>27,284</b>	<b>19,575</b>	<b>36.9</b>
Delaware	461	399	252	82.7
Florida	4,802	5,152	4,619	4.0
Georgia	5,638	6,131	4,545	24.0
Maryland	1,765	1,592	1,290	36.9
North Carolina	4,385	4,490	2,668	64.4
South Carolina	1,829	1,930	1,326	38.0
Virginia	1,414	1,536	953	48.3
West Virginia	6,509	6,054	3,922	65.9
<b>East South Central</b>	<b>15,231</b>	<b>16,347</b>	<b>11,664</b>	<b>30.6</b>
Alabama	4,051	4,660	3,654	10.9
Kentucky	6,761	6,815	4,148	63.0
Mississippi	710	882	718	-1.1
Tennessee	3,708	3,991	3,144	18.0
<b>West South Central</b>	<b>16,793</b>	<b>17,683</b>	<b>16,217</b>	<b>3.6</b>
Arkansas	1,828	2,045	2,629	-30.5
Louisiana	2,225	2,362	2,296	-3.1
Oklahoma	2,912	3,138	2,916	-1
Texas	9,828	10,137	8,378	17.3
<b>Mountain</b>	<b>17,013</b>	<b>17,351</b>	<b>16,957</b>	<b>.3</b>
Arizona	2,702	2,926	3,669	-26.4
Colorado	3,622	3,634	3,978	-8.9
Montana	898	847	855	4.7
Nevada	1,179	1,458	994	18.5
New Mexico	1,371	1,345	1,123	22.1
Utah	3,728	3,521	3,067	21.6
Wyoming	3,515	3,620	3,273	7.4
<b>Pacific</b>	<b>2,339</b>	<b>2,350</b>	<b>1,727</b>	<b>35.4</b>
Oregon	646	581	480	34.5
Washington	1,691	1,766	1,243	38.1
Alaska	2	2	5	-51.0
<b>S. Total</b>	<b>151,996</b>	<b>154,979</b>	<b>133,932</b>	<b>13.5</b>

\* For quantity data, the absolute value of the number is less than 0.5 thousand short tons. For percentage calculations, the absolute value of the number is less than 0.05 percent.

Note. Total may not equal sum of components because of independent rounding.

Source. Energy Information Administration, Form EIA-759, "Monthly Power Plant Report."

**Table 7. Coal Receipts at Electric Utility Plants, July 1990**  
(Thousand Short Tons)

Census Division and State	July 1990	June 1990	July 1989	Year to Date		
				1990	1989	Percent Change
New England . . . . .	427	518	498	3,807	3,671	3.7
Connecticut . . . . .	63	87	99	610	463	31.7
Massachusetts . . . . .	297	334	361	2,499	2,711	-7.9
New Hampshire . . . . .	67	97	38	699	496	40.7
Middle Atlantic . . . . .	4,195	4,618	3,359	34,554	31,424	10.0
New Jersey . . . . .	75	291	138	1,752	1,903	-7.9
New York . . . . .	705	864	625	6,131	5,618	9.1
Pennsylvania . . . . .	3,415	3,463	2,597	28,671	23,903	11.6
East North Central . . . . .	14,324	14,387	11,357	98,962	87,906	12.6
Illinois . . . . .	2,108	2,134	1,785	15,433	14,147	9.1
Indiana . . . . .	3,889	3,877	2,588	28,586	21,385	33.7
Michigan . . . . .	2,675	2,857	2,701	14,728	14,379	2.4
Ohio . . . . .	4,184	4,060	3,027	30,090	27,974	7.6
Wisconsin . . . . .	1,467	1,359	1,247	10,118	10,022	1.0
West North Central . . . . .	8,475	7,866	8,157	60,177	57,937	3.9
Iowa . . . . .	1,308	1,245	1,353	8,831	8,212	7.5
Kansas . . . . .	1,336	1,210	1,257	9,296	8,972	3.6
Minnesota . . . . .	1,134	1,229	1,153	9,630	8,580	12.2
Missouri . . . . .	1,908	1,713	1,725	13,972	14,215	-1.7
Nebraska . . . . .	813	704	700	5,034	4,274	17.8
North Dakota . . . . .	1,780	1,582	1,784	12,280	12,521	-1.9
South Dakota . . . . .	197	183	185	1,135	1,162	-2.3
South Atlantic . . . . .	10,274	10,739	8,233	77,695	72,851	6.6
Delaware . . . . .	165	151	54	1,281	1,061	20.7
Florida . . . . .	1,857	2,181	1,640	14,358	13,720	4.6
Georgia . . . . .	2,575	2,356	1,944	16,079	14,626	9.9
Maryland . . . . .	727	818	718	5,825	5,016	16.1
North Carolina . . . . .	1,348	1,393	1,088	11,187	10,037	11.5
South Carolina . . . . .	825	856	750	5,343	5,402	-1.1
Virginia . . . . .	635	520	589	4,334	5,728	-24.3
West Virginia . . . . .	2,142	2,464	1,450	19,287	17,260	11.7
East South Central . . . . .	6,334	7,105	4,738	48,830	42,649	14.5
Alabama . . . . .	1,783	1,874	1,395	12,832	12,164	5.5
Kentucky . . . . .	2,635	3,002	2,036	21,285	17,547	21.3
Mississippi . . . . .	308	396	277	2,342	2,043	14.7
Tennessee . . . . .	1,608	1,834	1,030	12,371	10,895	13.5
West South Central . . . . .	10,912	10,365	10,923	68,864	70,834	-2.8
Arkansas . . . . .	1,062	923	1,025	6,049	6,448	-6.2
Louisiana . . . . .	843	945	1,095	6,009	6,767	-11.2
Oklahoma . . . . .	1,170	937	1,282	8,476	8,454	.3
Texas . . . . .	7,737	7,560	7,522	48,430	49,164	-1.5
Mountain . . . . .	7,951	7,570	7,719	57,058	55,286	3.2
Arizona . . . . .	1,075	1,268	1,182	8,838	8,513	3.8
Colorado . . . . .	1,225	1,334	1,187	8,931	9,082	-1.7
Montana . . . . .	596	583	872	5,262	5,467	-4.1
Nevada . . . . .	772	425	670	4,280	4,205	1.8
New Mexico . . . . .	1,416	1,278	1,328	8,681	8,400	5.7
Utah . . . . .	852	945	904	8,037	7,304	10.0
Wyoming . . . . .	1,916	1,738	1,575	12,830	12,296	4.3
Pacific . . . . .	534	435	445	3,284	3,310	-1.4
Oregon . . . . .	101	-	-	101	-	-
Washington . . . . .	433	435	445	3,183	3,310	-4.4
<b>U.S. Total . . . . .</b>	<b>63,427</b>	<b>63,604</b>	<b>55,429</b>	<b>453,312</b>	<b>425,868</b>	<b>6.4</b>

Note. Total may not equal sum of components because of independent rounding

Source Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants "

**Table 8. Quality and Price of Coal Receipts at Electric Utility Plants,  
July 1990**

Census Division and State	July 1990		July 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
New England .....	0.92	183	0.90	173	0.94	180	0.95	167	-0.9	7.4
Connecticut .....	.41	217	.41	214	.41	211	.39	218	6.5	-3.1
Massachusetts .....	.89	178	.98	161	.96	172	.93	158	3.3	8.5
New Hampshire .....	1.57	176	1.42	174	1.33	179	1.57	167	-15.1	7.0
Mid Atlantic .....	1.75	155	1.65	152	1.64	155	1.58	148	3.7	4.8
New Jersey .....	1.43	179	.87	179	.83	179	.85	174	-2.6	3.1
New York .....	1.48	161	1.48	153	1.44	161	1.34	156	7.9	2.9
Pennsylvania .....	1.81	154	1.73	150	1.74	152	1.70	143	2.5	5.7
East North Central .....	1.57	150	1.56	156	1.67	153	1.69	155	-1.6	-1.4
Illinois .....	1.82	177	1.77	189	1.93	176	1.83	182	5.0	-3.6
Indiana .....	1.86	132	2.13	130	1.91	139	2.17	138	-11.7	1.2
Michigan .....	.55	165	.57	174	.64	168	.59	178	6.9	-8.8
Ohio .....	1.99	149	2.03	144	2.04	152	2.08	146	-2.0	4.0
Wisconsin .....	.92	136	.88	150	.84	137	.87	144	-3.2	-5.3
West North Central .....	1.10	114	1.05	116	1.11	115	1.16	116	-4.2	-.4
Iowa .....	.96	117	.82	121	.78	112	.85	124	-9.9	-9.6
Kansas .....	.83	126	.84	125	.68	125	.69	122	-.8	2.2
Minnesota .....	.54	130	.57	129	.56	133	.63	129	-11.3	3.4
Missouri .....	1.89	137	1.78	141	1.97	138	2.03	134	-2.8	3.2
Nebraska .....	.40	77	.41	82	.42	77	.42	87	.1	-11.5
North Dakota .....	1.19	68	1.12	70	1.22	69	1.10	70	11.1	-1.2
South Dakota .....	1.58	111	1.48	123	1.51	117	1.49	125	1.6	-6.5
South Atlantic .....	1.21	167	1.24	166	1.23	168	1.20	164	2.7	2.5
Delaware .....	.73	185	.67	187	.73	183	.79	179	-8.0	2.2
Florida .....	1.45	185	1.49	182	1.43	185	1.43	178	.2	4.1
Georgia .....	1.23	171	1.35	170	1.39	173	1.35	173	2.7	-.3
Maryland .....	1.15	165	1.03	168	1.11	165	1.08	159	2.3	3.5
North Carolina .....	.79	176	.74	175	.75	179	.73	175	4.1	2.1
South Carolina .....	.97	170	.87	170	.93	172	.88	172	5.7	.0
Virginia .....	.73	149	.77	154	.75	156	.71	152	4.8	3.0
West Virginia .....	1.55	147	1.73	136	1.51	146	1.50	140	.6	4.6
East South Central .....	1.75	148	1.83	148	1.79	144	1.80	143	-.7	.4
Alabama .....	1.23	192	1.43	196	1.25	186	1.33	188	-6.0	-.6
Kentucky .....	2.26	121	2.42	117	2.25	119	2.31	114	-2.9	4.9
Mississippi .....	1.43	164	1.23	163	1.37	164	1.20	170	14.1	-4.0
Tennessee .....	1.61	138	1.42	137	1.66	136	1.65	134	1.0	1.4
West South Central .....	.85	144	.81	146	.84	148	.80	148	4.9	.6
Arkansas .....	.37	147	.39	160	.40	166	.39	163	1.4	1.8
Louisiana .....	.60	170	.57	168	.61	170	.61	162	-.6	5.1
Oklahoma .....	.50	143	.49	140	.53	139	.49	136	10.1	2.4
Texas .....	1.03	140	.99	141	1.00	145	.96	145	4.6	-.4
Mountain .....	.56	109	.60	110	.56	114	.55	112	.9	1.2
Arizona .....	.46	131	.45	130	.46	145	.46	139	.1	4.1
Colorado .....	.40	104	.37	106	.39	108	.37	107	5.0	1.1
Montana .....	.73	70	1.01	59	.73	66	.81	55	-9.9	19.8
Nevada .....	.48	137	.48	137	.48	152	.47	142	1.8	6.8
New Mexico .....	.85	125	.91	124	.87	130	.86	125	1.7	3.6
Utah .....	.43	116	.41	124	.44	113	.43	126	2.7	-10.3
Wyoming .....	.59	79	.63	89	.60	83	.58	85	3.2	-2.1
Pacific .....	.69	152	.84	156	.84	159	.81	154	3.7	2.8
Oregon .....	.38	111	-	-	.38	111	-	-	-	-
Washington .....	.76	162	.84	156	.86	180	.81	154	5.5	3.8
U.S. Total .....	1.26	144	1.22	144	1.29	146	1.27	144	1.7	1.1

Notes Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants "

**Table 9. Quality and Price of Contract Coal Receipts at Electric Utility Plants, July 1990**

Census Division and State	July 1990		July 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
<b>New England</b> .....	0.95	183	0.82	175	0.96	179	0.84	168	13.1	6.5
Connecticut .....	.41	217	41	218	41	212	.39	224	64	-5.2
Massachusetts .....	96	172	98	159	99	168	93	157	58	7.1
New Hampshire .....	162	175	-	-	140	178	-	-	-	-
<b>Mid Atlantic</b> .....	1.83	160	1.73	163	1.71	158	1.65	153	3.5	3.0
New Jersey .....	1.53	178	93	178	83	178	.91	174	-9.1	2.1
New York .....	144	163	133	162	145	162	130	162	11.7	-1
Pennsylvania .....	191	159	188	162	184	155	179	150	2.8	3.8
<b>East North Central</b> .....	1.65	160	1.53	168	1.71	160	1.71	164	.2	-2.1
Illinois .....	193	189	181	197	200	184	188	188	6.2	-1.9
Indiana .....	189	135	232	141	195	143	220	144	-11.7	-5
Michigan .....	56	172	56	178	61	169	59	181	4.3	-6.6
Ohio .....	219	165	206	168	216	165	221	162	-2.5	2.2
Wisconsin .....	102	146	92	153	91	143	89	145	2.0	-1.2
<b>West North Central</b> .....	1.09	114	1.01	116	1.10	117	1.13	117	-3.2	-.1
Iowa .....	100	123	77	130	80	121	.74	128	8.0	-5.4
Kansas .....	.46	128	68	125	45	125	.54	125	-16.6	-3
Minnesota .....	53	130	.55	129	54	135	.62	129	-13.1	4.0
Missouri .....	198	140	177	141	208	141	208	138	1	3.8
Nebraska .....	40	79	41	83	41	80	43	89	-3.7	-10.5
North Dakota .....	119	66	112	70	122	69	110	70	10.8	-2.0
South Dakota .....	158	111	148	123	151	117	149	125	1.8	-6.5
<b>South Atlantic</b> .....	1.24	177	1.22	174	1.24	175	1.20	172	3.1	1.7
Delaware .....	.69	188	67	187	73	183	.78	181	-6.4	8
Florida .....	137	193	128	193	134	193	129	189	3.8	2.5
Georgia .....	135	184	134	179	143	180	141	181	1.5	-6
Maryland .....	113	166	119	162	111	167	114	162	-2.2	3.1
North Carolina .....	79	184	74	181	75	183	.73	180	3.8	1.9
South Carolina .....	.98	176	86	176	.93	177	.90	180	4.3	-1.5
Virginia .....	77	157	75	152	76	157	72	153	5.1	2.4
West Virginia .....	162	157	177	148	158	157	153	152	3.6	3.4
<b>East South Central</b> .....	1.84	155	1.76	161	1.87	152	1.80	158	4.0	-3.0
Alabama .....	1.13	207	1.25	217	1.10	204	1.24	200	-11.6	2.1
Kentucky .....	253	122	256	125	262	121	261	123	3	-1.7
Mississippi .....	128	170	107	169	114	170	106	177	7.1	-4.0
Tennessee .....	168	142	140	143	172	140	171	139	1.0	.6
<b>West South Central</b> .....	.86	145	.81	146	.85	149	.79	143	7.4	4.1
Arkansas .....	37	147	39	160	40	166	.39	163	14	1.8
Louisiana .....	.60	170	57	166	61	170	60	163	7	4.4
Oklahoma .....	49	146	46	141	51	142	48	137	6.6	3.6
Texas .....	104	140	99	141	102	145	97	138	5.8	5.3
<b>Mountain</b> .....	.57	111	.81	112	.56	116	.56	114	.8	1.8
Arizona .....	.46	131	45	130	.48	145	.46	139	.1	4.1
Colorado .....	40	105	37	107	39	109	.37	108	5.4	9
Montana .....	73	70	101	59	.73	68	.81	55	-9.9	19.8
Nevada .....	.48	137	48	137	48	152	.47	142	1.8	6.8
New Mexico .....	85	125	91	124	.87	130	.86	125	1.7	3.6
Utah .....	.43	117	41	127	43	115	.42	128	2.5	-10.6
Wyoming .....	60	81	66	92	62	86	.60	87	3.0	-1.2
<b>Pacific</b> .....	.70	153	.89	160	.90	163	.87	161	3.7	.9
Oregon .....	38	111	-	-	.38	111	-	-	-	-
Washington .....	.78	165	89	160	.92	165	87	161	5.9	2.1
<b>U.S. Total</b> .....	1.27	148	1.16	148	1.29	150	1.25	148	3.2	1.1

Notes. Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source. Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants "

**Table 10. Quality and Price of Spot Coal Receipts at Electric Utility Plants, July 1990**

Census Division and State	July 1990		July 1989		Year to Date					
	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	1990		1989		Percent Change	
					Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu	Lbs. sulfur per MM Btu	Cents per MM Btu
West England	0.87	184	1.06	168	0.91	182	1.19	166	-23.8	9.7
Connecticut	-	-	.42	180	43	198	39	178	8.8	11.5
Massachusetts	79	184	99	165	91	180	93	163	-2.3	10.3
New Hampshire	1.43	177	1.42	174	1.05	186	1.57	167	-33.1	10.8
Mid Atlantic	1.47	140	1.49	133	1.41	145	1.37	132	3.1	10.0
New Jersey	58	181	57	185	88	190	72	173	22.3	10.1
New York	1.56	158	1.66	142	1.42	159	1.41	145	6	9.7
Pennsylvania	1.45	133	1.46	128	1.43	139	1.43	124	4	12.6
East North Central	1.33	125	1.64	116	1.50	127	1.62	118	-7.2	7.9
Illinois	1.40	132	1.43	123	1.56	133	1.34	125	16.4	5.9
Indiana	1.70	115	1.66	104	1.75	119	2.00	108	-12.7	10.8
Michigan	.53	144	.65	139	.72	151	.63	151	14.0	.2
Ohio	1.66	121	1.98	114	1.79	123	1.80	111	-1	10.9
Wisconsin	.71	117	.68	136	.84	117	.73	142	-11.8	-17.2
West North Central	1.15	109	1.40	118	1.18	107	1.37	106	-14.5	1.3
Iowa	.86	101	.94	102	.67	92	1.45	105	-53.5	-11.8
Kansas	1.93	128	2.79	120	2.21	128	1.44	107	53.7	17.3
Minnesota	.96	126	1.08	128	.80	113	.76	117	5.2	-3.8
Missouri	1.43	125	1.80	138	1.52	125	1.67	117	-8.9	6.6
Nebraska	.41	69	.36	70	.45	68	.36	67	26.0	.9
North Dakota	-	-	-	-	-	-	1.00	48	-	-
South Atlantic	1.14	142	1.30	146	1.21	144	1.19	138	1.4	3.9
Delaware	.85	173	-	-	.73	184	.89	161	-18.5	13.8
Florida	1.91	142	2.17	145	1.80	150	1.85	144	-2.6	4.1
Georgia	1.04	149	1.35	147	1.26	152	1.18	151	7.1	1.0
Maryland	1.19	163	.82	175	1.10	161	.96	153	15.3	4.8
North Carolina	.79	144	.74	149	.76	155	.71	144	6.0	7.9
South Carolina	.95	158	.88	159	.92	157	.85	155	8.4	1.3
Virginia	.62	129	.78	156	.73	155	.71	150	2.7	3.3
West Virginia	1.34	114	1.64	113	1.30	114	1.42	102	-8.2	12.2
East South Central	1.44	123	2.03	108	1.54	121	1.78	107	-13.9	12.9
Alabama	1.64	130	2.10	118	1.79	126	1.93	121	-2.2	4.2
Kentucky	1.33	117	2.15	100	1.43	116	1.90	101	-24.6	15.2
Mississippi	1.89	146	2.02	134	1.94	147	1.88	135	3.4	8.9
Tennessee	1.29	120	1.53	113	1.44	122	1.39	113	3.9	7.8
West South Central	.52	127	.71	120	.57	126	.86	184	-34.0	-31.3
Louisiana	-	-	-	-	-	-	.87	131	-	-
Oklahoma	.60	119	.80	124	.69	121	.56	125	23.3	-3.4
Texas	.44	134	.41	109	.47	130	.90	193	-47.8	-32.7
Mountain	.47	87	.40	89	.45	87	.40	86	12.3	1.0
Colorado	.39	98	.38	97	.38	101	.38	98	2.4	2.8
Utah	.46	105	.43	106	.48	104	.49	103	-2.2	1.4
Wyoming	.53	69	.38	58	.49	66	.39	63	25.7	4.3
Pacific	.57	127	.38	123	.36	128	.49	117	-26.0	9.0
Washington	.57	127	.38	123	.36	128	.49	117	-26.0	9.0
U.S. Total	1.22	129	1.47	126	1.31	130	1.37	127	-4.4	1.9

Notes. Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 11. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, July 1990**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama ..	329	262	716	204	286	175	1,332	212	1.07	44.1	-0.5	-4.0
Arizona ..	1,079	103	-	-	-	-	1,079	103	.46	-4.9	5	3.9
Colorado ..	1,053	131	10	108	-	-	1,063	131	.40	26.0	3.5	4.9
Illinois ..	-	-	718	164	3,390	155	4,104	157	2.39	25.3	-1.5	3.4
Indiana ..	33	152	272	127	2,268	126	2,573	126	2.34	26.0	3	-7
Iowa ..	-	-	-	-	7	160	7	160	2.66	75.0	4.5	-36.0
Kansas ..	-	-	-	-	51	122	51	122	2.53	-57.7	-7.4	-35.5
Kentucky ..	1,249	166	6,029	167	3,178	127	10,455	155	1.43	18.5	-5	1.3
Louisiana ..	-	-	299	129	-	-	299	129	.76	21.1	-4.1	-.9
Maryland ..	-	-	215	163	-	-	215	163	1.21	42.6	14.5	-6.4
Missouri ..	-	-	-	-	140	172	140	172	3.78	-16.4	8.3	-16.7
Montana ..	1,529	182	1,207	108	-	-	2,736	151	.51	-19.3	6.7	-20.3
New Mexico ..	274	165	1,583	132	-	-	1,857	138	.77	3.8	-9	-3.8
North Dakota ..	-	-	1,793	70	184	73	1,977	70	1.23	4	-8.3	6.8
Ohio ..	1	175	171	144	2,215	147	2,387	146	2.88	16.7	-2.7	1.1
Oklahoma ..	22	155	35	146	6	105	62	145	1.11	-16.4	.2	-25.0
Pennsylvania ..	128	164	2,494	155	1,052	158	3,674	156	1.48	19.0	1.8	4.8
Tennessee ..	41	125	246	144	71	133	357	139	1.17	2.9	1.8	5.5
Texas ..	-	-	3,687	92	864	115	4,552	96	1.58	3.2	-1.1	3.4
Utah ..	1,076	127	57	136	-	-	1,133	127	.44	8.1	-1.5	5.2
Virginia ..	193	183	1,177	162	-	-	1,370	165	.93	-5.4	.1	3.3
Washington ..	-	-	401	165	-	-	401	165	.78	.0	3.0	-12.5
West Virginia ..	1,720	173	2,618	156	1,774	143	6,113	157	1.34	73.3	2.6	-4.6
Wyoming ..	14,918	135	533	93	-	-	15,450	133	.44	10.0	-5.5	6
Imported ..	40	153	-	-	-	-	40	153	.47	-65.0	-21.8	-5.8
U.S. Total ..	23,685	145	24,262	146	15,480	141	63,427	144	1.26	14.4	.1	3.2

Notes Totals may not equal sum of components because of independent rounding MM Btu represents million Btu  
Source Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants "



**Table 12. Coal Receipts and Prices by Sulfur Content at Electric Utility Plants, by State of Origin and Imports, January-July 1990**

State	0-0.60 lbs sulfur per MM Btu		0.61-1.67 lbs sulfur per MM Btu		> 1.67 lbs. sulfur per MM Btu		Total			Percent Change vs prior year		
	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Quantity (thousand short tons)	Cents per MM Btu	Lbs. sulfur per MM Btu	Quantity	Price	Sulfur Content
Alabama	2,538	259	4,554	187	2,523	185	9,614	206	1.09	16.2	1.6	0.9
Arizona	6,218	109	-	-	-	-	6,218	109	46	-8.8	3.9	1.3
Colorado	8,730	142	150	218	-	-	8,880	143	39	15.3	5.3	4.8
Illinois	-	-	5,972	165	25,426	154	31,398	156	2.41	1.3	-5	3.1
Indiana	379	152	1,930	126	16,164	128	18,472	128	2.27	23.2	1.3	-6
Iowa	-	-	-	-	36	163	36	163	3.59	71.4	8.7	-3.7
Kansas	-	-	-	-	428	120	428	120	2.57	24.6	-4.1	-23.3
Kentucky	10,253	169	40,400	169	25,198	125	75,851	155	1.49	11.3	6	2.5
Louisiana	-	-	1,800	135	-	-	1,800	135	80	13.4	5.7	-4.8
Maryland	-	-	1,519	157	44	110	1,562	156	1.25	20.2	7.5	-3.7
Missouri	-	-	-	-	1,403	171	1,403	171	3.96	-19.0	29.2	-5.9
Montana	7,325	191	11,505	108	-	-	18,830	142	59	-1.8	5.4	-7.1
New Mexico	3,700	184	9,611	135	-	-	13,310	149	74	6.6	3.1	1.5
North Dakota	-	-	12,436	73	979	63	13,416	73	1.24	-2.0	-2.0	10.0
Ohio	24	151	1,137	143	16,527	150	17,688	150	2.84	1.4	-2.2	1.8
Oklahoma	388	147	315	143	152	112	856	139	1.28	46.6	-9	-33.2
Pennsylvania	1,225	174	20,442	154	8,279	152	29,946	154	1.46	12.9	4.7	3.3
Tennessee	118	123	2,238	154	563	136	2,919	149	1.14	10.9	7.9	9.6
Texas	-	-	19,165	104	9,075	111	28,240	106	1.55	1.1	2.2	2.0
Utah	8,380	115	567	153	-	-	8,947	118	44	9.8	-9.1	7
Virginia	1,967	187	7,867	165	9	155	9,842	170	.87	-8.4	3.1	-8
Washington	-	-	2,815	165	-	-	2,815	165	92	-3.2	3.6	6.2
West Virginia	13,483	169	22,713	160	14,191	142	50,387	157	1.31	6.5	4.2	1.5
Wyoming	93,688	136	5,947	101	9	136	99,644	134	44	6.2	-3.5	-8
Imported	221	179	587	177	-	-	808	178	.61	32.5	1.8	6.3
<b>U.S. Total</b>	<b>158,635</b>	<b>148</b>	<b>173,668</b>	<b>149</b>	<b>121,008</b>	<b>140</b>	<b>453,312</b>	<b>146</b>	<b>1.29</b>	<b>6.4</b>	<b>1.1</b>	<b>1.7</b>

Notes. Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,  
January-July 1990**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
<b>Alabama</b>	<b>12,832</b>	<b>12,164</b>	<b>76.8</b>	<b>84.3</b>	<b>1.25</b>	<b>1.33</b>	<b>186</b>	<b>188</b>
Alabama	9,453	8,219	94.7	94.9	1.08	1.08	207	203
Illinois	412	534	-	4.7	2.03	1.98	112	109
Indiana	459	151	-	-	2.05	2.84	117	105
Kentucky	1,434	1,280	34.4	57.7	2.03	2.10	133	128
Ohio	366	1,503	93.2	100.0	2.02	1.99	118	208
Tennessee	487	441	13.3	35.1	67	60	124	122
West Virginia	4	36	-	100.0	.51	60	151	124
Wyoming	216	-	-	-	.44	-	170	-
<b>Arizona</b>	<b>8,838</b>	<b>8,513</b>	<b>100.0</b>	<b>100.0</b>	<b>.46</b>	<b>.46</b>	<b>145</b>	<b>139</b>
Arizona	3,973	4,111	100.0	100.0	.44	.44	101	99
Colorado	609	320	100.0	100.0	.32	.34	175	171
New Mexico	4,257	4,081	100.0	100.0	.50	.49	187	182
<b>Arkansas</b>	<b>6,049</b>	<b>6,448</b>	<b>100.0</b>	<b>100.0</b>	<b>.40</b>	<b>.39</b>	<b>166</b>	<b>163</b>
Wyoming	6,049	6,448	100.0	100.0	.40	.39	166	163
<b>Colorado</b>	<b>8,931</b>	<b>9,082</b>	<b>87.7</b>	<b>88.0</b>	<b>.39</b>	<b>.37</b>	<b>108</b>	<b>107</b>
Colorado	5,853	5,806	81.3	83.6	.39	.37	108	109
New Mexico	-	11	-	-	-	.42	-	131
Wyoming	3,077	3,265	100.0	98.1	.39	.37	106	102
<b>Connecticut</b>	<b>810</b>	<b>463</b>	<b>91.6</b>	<b>87.3</b>	<b>.41</b>	<b>.39</b>	<b>211</b>	<b>218</b>
Kentucky	810	463	91.6	87.3	.41	.39	211	218
<b>Delaware</b>	<b>1,281</b>	<b>1,061</b>	<b>73.3</b>	<b>89.0</b>	<b>.73</b>	<b>.79</b>	<b>183</b>	<b>179</b>
Kentucky	117	24	14.2	75.0	.52	.61	194	177
Maryland	21	7	100.0	100.0	1.11	1.16	141	139
Pennsylvania	193	269	43.4	78.8	1.09	1.19	165	170
Virginia	181	14	47.8	100.0	.67	.72	196	202
West Virginia	769	747	95.2	92.9	.67	.65	183	182
<b>Florida</b>	<b>14,358</b>	<b>13,720</b>	<b>81.4</b>	<b>76.5</b>	<b>1.43</b>	<b>1.43</b>	<b>185</b>	<b>178</b>
Alabama	-	13	-	-	-	2.55	-	114
Illinois	2,445	2,369	99.3	100.0	2.41	2.36	208	197
Indiana	292	303	-	25.3	2.84	2.89	108	121
Kentucky	9,287	8,814	76.9	68.5	1.30	1.29	179	172
Tennessee	62	30	100.0	100.0	.83	.78	219	214
Virginia	517	480	100.0	100.0	.58	.58	249	232
West Virginia	1,195	1,262	88.5	86.1	.98	.99	184	182
Imported coal Colombia	479	412	100.0	100.0	.65	.61	177	173
Imported coal Venezuela	80	37	-	-	.55	.38	162	141
<b>Georgia</b>	<b>16,079</b>	<b>14,626</b>	<b>75.2</b>	<b>78.1</b>	<b>1.39</b>	<b>1.35</b>	<b>173</b>	<b>173</b>
Alabama	161	43	14.4	-	1.60	1.59	155	152
Illinois	2,960	3,022	93.6	100.0	2.50	2.19	167	184
Kentucky	8,632	8,273	72.6	67.2	1.28	1.25	168	163
Montana	-	54	-	-	-	.34	-	181
Tennessee	999	525	62.0	92.3	1.06	.70	187	205
Virginia	1,833	1,933	81.7	67.6	1.07	1.11	176	167
West Virginia	864	752	100.0	100.0	.57	.54	246	240
Wyoming	629	-	9.3	-	.38	-	124	-
Imported coal Colombia	-	23	-	-	-	.54	-	173
<b>Illinois</b>	<b>15,433</b>	<b>14,147</b>	<b>84.7</b>	<b>91.8</b>	<b>1.93</b>	<b>1.83</b>	<b>176</b>	<b>182</b>
Illinois	9,095	8,151	80.1	96.0	2.71	2.67	147	151
Indiana	1,275	1,141	72.1	67.1	1.59	1.32	124	127
Kentucky	1,282	955	38.8	63.9	.85	.61	155	163
Montana	1,633	1,613	100.0	99.2	.39	.38	292	282
New Mexico	111	-	-	-	.43	-	170	-
West Virginia	152	160	15.2	58.1	.52	.52	158	167
Wyoming	1,886	2,127	95.3	98.5	.42	.48	293	290
<b>Indiana</b>	<b>28,598</b>	<b>21,385</b>	<b>84.0</b>	<b>82.8</b>	<b>1.91</b>	<b>2.17</b>	<b>139</b>	<b>138</b>
Colorado	366	-	100.0	-	.39	-	300	-
Illinois	5,553	5,025	88.0	88.0	2.40	2.43	160	161
Indiana	12,272	10,298	82.9	85.1	2.39	2.47	126	123
Kentucky	2,834	2,449	89.1	79.7	2.34	2.43	136	126
Montana	390	142	65.1	77.3	.39	.35	242	257
Ohio	40	7	-	-	2.17	1.83	125	130
West Virginia	253	204	69.8	38.9	.55	.82	207	177
Wyoming	6,878	3,259	81.9	73.1	.39	.44	129	152
<b>Iowa</b>	<b>8,831</b>	<b>8,212</b>	<b>70.3</b>	<b>86.1</b>	<b>.76</b>	<b>.85</b>	<b>112</b>	<b>124</b>
Illinois	654	911	88.4	88.1	2.51	2.57	162	150
Indiana	492	340	59.5	52.7	2.22	2.18	136	128
Iowa	36	21	100.0	100.0	3.59	3.72	163	150
Kentucky	9	53	-	-	2.73	2.34	124	136
Wyoming	7,639	6,886	69.4	90.8	.43	.44	105	119

See footnotes at end of table

Table 13. Destination of Coal Received at Electric Utility Plants by Origin, January-July 1990 (Continued)

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kansas	9,296	8,972	89.3	84.9	0.68	0.69	125	122
Colorado	137	-	100.0	-	.32	-	118	-
Illinois	758	469	18.1	20.7	2.56	2.66	147	139
Kansas	196	306	-	45.2	2.45	3.41	121	125
Wyoming	8,204	8,197	97.8	90.0	.41	.42	123	121
Kentucky	21,285	17,547	69.6	59.5	2.25	2.31	119	114
Illinois	91	9	88.6	-	1.59	1.72	135	116
Indiana	1,571	1,296	60.9	42.0	2.40	2.12	110	105
Kentucky	17,115	14,347	73.4	64.0	2.44	2.52	118	114
Ohio	179	88	57.7	57.0	2.36	2.15	150	132
Pennsylvania	11	4	-	100.0	2.03	2.22	107	157
Tennessee	336	289	82.9	1	2.09	2.04	121	102
Virginia	60	-	100.0	-	.58	-	158	-
West Virginia	1,808	1,503	39.8	42.9	.63	.66	129	116
Wyoming	113	-	34.5	-	.35	-	124	-
Louisiana	6,009	6,767	100.0	86.3	.61	.61	170	162
Louisiana	1,800	1,588	100.0	84.4	.80	.84	135	128
West Virginia	159	105	100.0	100.0	.52	.50	205	203
Wyoming	4,051	5,074	100.0	100.0	.54	.56	180	169
Maryland	5,825	5,016	66.8	70.3	1.11	1.08	165	159
Kentucky	304	443	73.0	80.1	.56	.58	161	163
Maryland	979	787	46.4	56.7	1.22	1.23	171	165
Pennsylvania	1,418	1,417	93.4	95.6	1.47	1.49	180	169
West Virginia	3,123	2,231	60.6	59.5	.97	.92	156	149
Imported coal Colombia	-	138	-	-	-	.48	-	190
Massachusetts	2,498	2,711	69.8	78.9	.96	.93	172	158
Kentucky	7	23	-	-	.70	.69	172	138
Maryland	40	-	-	-	.75	-	185	-
Pennsylvania	639	456	35.9	4.4	1.09	1.03	173	164
Virginia	792	1,194	96.2	100.0	.95	.90	173	161
West Virginia	887	1,039	84.9	89.0	.87	.93	168	154
Imported coal Colombia	64	-	-	-	.61	-	179	-
Imported coal Venezuela	70	-	-	-	.48	-	181	-
Michigan	14,726	14,379	80.0	88.5	.84	.59	166	178
Indiana	112	100	78.5	87.5	2.44	2.31	162	161
Kentucky	3,928	3,947	72.6	88.9	.72	.64	180	198
Montana	5,160	5,302	96.4	100.0	.36	.38	158	158
Ohio	73	80	100.0	100.0	2.99	2.65	210	209
Pennsylvania	1,055	933	72.9	81.9	1.09	1.02	158	173
Virginia	113	354	100.0	100.0	1.09	.90	188	175
West Virginia	3,224	3,398	78.6	77.8	.66	.57	171	183
Wyoming	1,061	286	41.9	-	.31	.33	111	118
Minnesota	9,630	8,580	93.2	94.9	.56	.63	133	129
Illinois	26	37	100.0	100.0	1.31	1.38	186	195
Indiana	30	42	8.4	-	1.77	1.56	161	138
Kentucky	8	-	56.6	-	.91	-	189	-
Montana	5,379	5,316	89.0	93.0	.75	.81	137	131
North Dakota	1	-	100.0	-	.87	-	174	-
Pennsylvania	3	-	100.0	-	1.02	-	176	-
West Virginia	2	-	100.0	-	.95	-	169	-
Wyoming	4,181	3,186	99.2	99.4	.30	.31	127	124
Mississippi	2,342	2,043	70.7	83.1	1.37	1.20	164	170
Illinois	680	606	88.9	89.4	2.02	1.99	150	146
Indiana	16	-	-	-	4.29	-	127	-
Kentucky	1,646	1,415	83.9	81.7	1.07	.86	170	181
West Virginia	-	22	-	-	-	1.12	-	144
Missouri	13,872	14,215	79.8	87.6	1.97	2.03	138	134
Colorado	110	9	100.0	100.0	.40	.31	159	139
Illinois	7,218	8,171	84.8	90.6	2.21	2.17	152	149
Indiana	115	55	100.0	49.1	2.90	1.09	122	123
Kansas	232	37	4	41.1	2.68	2.86	120	126
Kentucky	742	-	99.1	-	2.53	-	124	-
Missouri	1,403	1,733	97.5	99.0	3.96	4.21	171	132
New Mexico	18	-	-	-	.34	-	135	-
Ohio	24	-	-	-	2.10	-	171	-
Oklahoma	38	212	100.0	70.2	3.64	3.32	138	135
Wyoming	4,073	3,998	65.2	78.1	.42	.44	97	94
Montana	5,382	5,487	100.0	100.0	.73	.81	66	55
Montana	5,262	5,487	100.0	100.0	.73	.81	66	55

See footnotes at end of table.

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,  
January-July 1990 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Nebraska .....	5,034	4,274	76.2	90.1	0.42	0.42	77	87
Colorado .....	-	55	-	100.0	-	48	-	182
Montana .....	-	0	-	-	-	36	-	23
Wyoming .....	5,034	4,210	76.2	90.0	.42	.42	77	85
Nevada .....	4,280	4,205	100.0	100.0	.48	.47	152	142
Arizona .....	2,245	2,710	100.0	100.0	.49	.47	123	114
Utah .....	1,656	1,349	100.0	100.0	.47	.45	181	192
Wyoming .....	378	146	100.0	100.0	.43	.52	202	196
New Hampshire .....	698	498	80.6	-	1.33	1.57	179	167
Kentucky .....	17	-	-	-	.68	-	201	-
Pennsylvania .....	90	88	100.0	-	1.01	.97	179	173
West Virginia .....	477	409	82.3	-	1.60	1.70	176	166
Imported coal Canada .....	34	-	-	-	.97	-	181	-
Imported coal Venezuela .....	81	-	100.0	-	.39	-	189	-
New Jersey .....	1,752	1,903	88.0	71.4	.83	.85	179	174
Kentucky .....	31	48	-	-	.82	.58	180	177
Ohio .....	14	-	-	-	1.06	-	203	-
Pennsylvania .....	20	22	-	-	.95	1.37	189	184
Virginia .....	700	750	99.9	71.6	.58	.61	177	172
West Virginia .....	981	1,083	88.0	75.9	1.02	1.04	180	175
New Mexico .....	8,881	8,400	100.0	100.0	.87	.86	130	125
New Mexico .....	8,881	8,400	100.0	100.0	.87	.86	130	125
New York .....	6,131	5,618	66.1	65.8	1.44	1.34	181	156
Kentucky .....	316	368	98.5	100.0	.38	.39	209	201
Maryland .....	19	-	-	-	1.29	-	188	-
Ohio .....	38	7	-	-	1.55	1.53	160	160
Pennsylvania .....	3,225	3,259	47.0	45.8	1.45	1.35	155	148
West Virginia .....	2,533	1,984	87.9	92.6	1.57	1.50	162	162
North Carolina .....	11,187	10,037	85.0	87.2	.75	.73	179	175
Kentucky .....	5,595	5,012	82.7	84.4	.79	.73	185	179
Tennessee .....	-	118	-	100.0	-	1.05	-	190
Virginia .....	2,400	2,503	96.9	92.6	.83	.79	188	189
West Virginia .....	3,127	2,405	79.8	86.9	.63	.62	177	173
North Dakota .....	12,280	12,521	100.0	97.5	1.22	1.10	69	70
North Dakota .....	12,280	12,521	100.0	97.5	1.22	1.10	69	70
Ohio .....	30,000	27,974	87.0	88.1	2.04	2.08	152	146
Illinois .....	24	-	-	-	2.57	-	117	-
Indiana .....	40	33	-	-	2.93	2.29	109	92
Kentucky .....	5,931	4,987	48.3	55.7	1.00	1.07	156	151
Ohio .....	14,712	14,024	71.1	72.9	2.80	2.81	154	150
Pennsylvania .....	1,884	1,773	58.2	55.5	1.72	1.70	138	133
West Virginia .....	7,492	7,157	78.1	70.7	1.49	1.48	148	139
Oklahoma .....	8,476	8,454	88.3	92.6	.53	.49	139	136
Oklahoma .....	819	372	49.7	26.8	1.17	1.12	130	143
Wyoming .....	7,657	8,082	92.5	95.6	.45	.44	139	135
Oregon .....	101	-	100.0	-	.38	-	111	-
Wyoming .....	101	-	100.0	-	.38	-	111	-
Pennsylvania .....	20,871	23,903	70.3	75.9	1.74	1.70	152	143
Ohio .....	1,272	1,219	87.8	95.7	3.35	3.32	151	147
Pennsylvania .....	20,123	17,372	69.9	70.1	1.48	1.44	153	144
West Virginia .....	5,276	5,313	95.4	90.2	2.33	2.19	148	139
South Carolina .....	5,343	5,402	74.2	67.8	.93	.88	172	172
Kentucky .....	4,593	4,709	74.6	65.8	.92	.87	174	174
Tennessee .....	164	23	-	4	1.19	1.22	184	151
Virginia .....	577	575	82.4	87.4	.93	.95	161	157
West Virginia .....	9	4	47.4	100.0	.77	.89	179	198
South Dakota .....	1,135	1,162	100.0	100.0	1.51	1.49	117	125
North Dakota .....	1,135	1,162	100.0	100.0	1.51	1.49	117	125
Tennessee .....	12,371	10,805	78.7	81.4	1.68	1.65	138	134
Illinois .....	771	865	30.3	9.1	1.88	1.60	118	112
Indiana .....	704	-	-	-	1.75	-	123	-
Kentucky .....	8,333	8,005	87.2	81.8	1.71	1.75	140	141
Tennessee .....	872	1,205	70.5	68.1	1.14	1.12	121	115
Virginia .....	691	802	100.0	81.0	1.39	1.44	131	122
West Virginia .....	-	18	-	100.0	-	2.09	-	139
Texas .....	48,430	48,164	87.1	87.4	1.00	.98	145	145
Colorado .....	1,058	808	87.2	100.0	.35	.34	205	221
Texas .....	28,240	27,921	99.7	90.5	1.55	1.52	106	104
Utah .....	-	207	-	57.8	-	.48	-	171
Wyoming .....	19,131	20,230	94.8	82.9	.44	.42	183	184

See footnotes at end of table

**Table 13. Destination of Coal Received at Electric Utility Plants by Origin,  
January-July 1990 (Continued)**

State of Destination State of Origin and Imports	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Utah .....	8,037	7,304	87.7	93.0	0.44	0.43	113	126
Colorado .....	746	708	100.0	100.0	.52	.39	221	240
Utah .....	7,291	6,596	86.5	92.3	.43	.43	103	115
Virginia .....	4,334	5,728	69.7	51.0	.75	.71	156	152
Kentucky .....	1,443	1,815	60.7	43.8	.81	.79	159	152
Virginia .....	1,911	2,114	74.5	73.2	.70	.70	154	157
West Virginia .....	980	1,789	73.5	32.1	.76	.66	156	146
Washington .....	3,163	3,310	88.7	84.8	.86	.81	160	154
Washington .....	2,815	2,907	99.7	96.6	.92	.87	165	159
Wyoming .....	348	403	-	-	.35	.42	127	124
West Virginia .....	19,287	17,280	73.7	74.9	1.51	1.50	146	140
Kentucky .....	523	368	82.5	69.7	.84	.76	175	176
Maryland .....	503	506	53.8	47.4	1.37	1.41	124	113
Ohio .....	968	530	53.6	28.7	3.27	3.34	95	105
Pennsylvania .....	322	176	10.5	17.9	1.58	1.17	116	122
West Virginia .....	16,971	15,680	76.3	78.1	1.43	1.46	149	141
Wisconsin .....	10,118	10,022	74.3	87.7	.84	.87	137	144
Illinois .....	710	818	72.9	89.0	1.78	1.75	142	143
Indiana .....	1,088	1,231	98.5	94.9	1.74	1.68	189	179
Kentucky .....	112	244	-	37.7	.60	1.18	184	156
Montana .....	997	1,255	80.0	86.9	.70	.74	160	158
New Mexico .....	43	-	-	-	.39	-	174	-
Pennsylvania .....	956	765	100.0	100.0	1.27	1.28	156	150
Virginia .....	-	23	-	-	-	.55	-	161
West Virginia .....	102	3	-	-	1.11	.59	165	177
Wyoming .....	6,108	5,683	68.3	87.1	.41	.40	112	129
Wyoming .....	12,830	12,295	83.7	90.5	.60	.58	83	85
Wyoming .....	12,830	12,295	83.7	90.5	.60	.58	83	85
U.S. Total .....	453,312	425,888	82.7	83.2	1.29	1.27	146	144

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.

Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Alabama	9,614	9,276	93.4	94.2	1.09	1.08	206	203
Alabama	9,453	8,219	94.7	94.9	1.08	1.08	207	203
Florida	-	13	-	-	-	2.55	-	114
Georgia	161	43	14.4	-	1.60	1.59	155	152
Arizona	6,218	6,821	100.0	100.0	.48	.45	109	105
Arizona	3,973	4,111	100.0	100.0	.44	.44	101	99
Nevada	2,245	2,710	100.0	100.0	.49	.47	123	114
Colorado	8,880	7,704	83.7	87.8	.39	.37	143	136
Arizona	609	320	100.0	100.0	.32	.34	175	171
Colorado	5,853	5,806	81.3	83.6	.39	.37	108	109
Indiana	366	-	100.0	-	.39	-	300	-
Kansas	137	-	100.0	-	.32	-	118	-
Missouri	110	9	100.0	100.0	.40	.31	159	139
Nebraska	-	55	-	100.0	-	.48	-	182
Texas	1,058	806	87.2	100.0	.35	.34	205	221
Utah	746	708	100.0	100.0	.52	.39	221	240
Illinois	31,398	30,987	84.7	87.7	2.41	2.34	156	157
Alabama	412	534	-	47	2.03	1.98	112	109
Florida	2,445	2,369	99.3	100.0	2.41	2.36	208	197
Georgia	2,960	3,022	93.6	100.0	2.50	2.19	167	184
Illinois	9,095	8,151	90.1	98.0	2.71	2.67	147	151
Indiana	5,553	5,025	88.0	88.0	2.40	2.43	160	161
Iowa	854	911	88.4	68.1	2.51	2.57	162	150
Kansas	758	489	18.1	20.7	2.58	2.66	147	139
Kentucky	91	9	88.6	-	1.59	1.72	135	116
Minnesota	26	37	100.0	100.0	1.31	1.38	186	195
Mississippi	680	606	88.9	89.4	2.02	1.99	150	146
Missouri	7,218	8,171	84.8	90.5	2.21	2.17	152	149
Ohio	24	-	-	-	2.57	-	117	-
Tennessee	771	865	30.3	8.1	1.88	1.88	118	112
Wisconsin	710	818	72.9	89.0	1.78	1.75	142	143
Indiana	18,472	14,991	73.8	77.4	2.27	2.29	129	127
Alabama	459	151	-	-	2.05	2.84	117	105
Florida	282	303	-	25.3	2.84	2.89	108	121
Illinois	1,275	1,141	72.1	87.1	1.59	1.32	124	127
Indiana	12,272	10,298	82.9	85.1	2.39	2.47	126	123
Iowa	492	340	59.5	52.7	2.22	2.18	136	128
Kentucky	1,671	1,286	60.9	42.0	2.40	2.12	110	105
Michigan	112	100	78.5	87.5	2.44	2.31	162	161
Minnesota	30	42	8.4	-	1.77	1.56	181	138
Mississippi	16	-	-	-	4.29	-	127	-
Missouri	115	55	100.0	49.1	2.90	1.09	122	123
Ohio	46	33	-	-	2.93	2.28	109	92
Tennessee	704	-	-	-	1.75	-	123	-
Wisconsin	1,088	1,231	99.5	94.0	1.74	1.68	189	179
Iowa	36	21	100.0	100.0	3.59	3.72	163	150
Iowa	36	21	100.0	100.0	3.59	3.72	163	150
Kansas	428	344	.2	44.7	2.57	3.35	120	125
Kansas	196	306	-	45.2	2.45	3.41	121	125
Missouri	232	37	.4	41.1	2.66	2.86	120	126
Kentucky	75,851	68,131	73.2	71.3	1.49	1.46	155	154
Alabama	1,434	1,280	34.4	57.7	2.03	2.10	133	128
Connecticut	610	483	81.6	87.3	.41	.39	211	218
Delaware	117	24	14.2	75.0	.52	.61	184	177
Florida	8,287	8,814	78.9	68.5	1.30	1.29	179	172
Georgia	8,832	8,273	72.6	67.2	1.28	1.25	168	163
Illinois	1,282	955	38.8	63.9	.85	.81	155	163
Indiana	2,834	2,449	89.1	79.7	2.34	2.43	136	126
Iowa	9	53	-	-	2.73	2.34	124	136
Kentucky	17,115	14,347	73.4	64.0	2.44	2.52	118	114
Maryland	304	443	73.0	90.1	.56	.58	161	163
Massachusetts	7	23	-	-	.70	.69	172	138
Michigan	3,928	3,947	72.8	88.9	.72	.64	180	198
Minnesota	8	-	58.8	-	.91	-	189	-
Mississippi	1,646	1,415	83.9	81.7	1.07	.86	170	181
Missouri	742	-	89.1	-	2.53	-	124	-
New Hampshire	17	-	-	-	.68	-	201	-
New Jersey	31	48	-	-	.62	.58	190	177
New York	318	388	98.5	100.0	.38	.39	209	201

See footnotes at end of table

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,  
January-July 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Kentucky								
North Carolina	5,595	5,012	82.7	84.4	0.79	0.73	185	179
Ohio	5,931	4,987	46.3	55.7	1.00	1.07	156	151
South Carolina	4,593	4,799	74.6	65.8	.92	.87	174	174
Tennessee	9,333	8,005	87.2	91.6	1.71	1.75	140	141
Virginia	1,443	1,815	60.7	43.8	.81	.79	159	152
West Virginia	523	368	82.5	69.7	.84	.76	175	176
Wisconsin	112	244	-	37.7	.60	1.18	184	156
Louisiana	1,800	1,588	100.0	84.4	.80	.84	135	128
Louisiana	1,800	1,588	100.0	84.4	.80	.84	135	128
Maryland	1,562	1,300	47.7	53.3	1.25	1.30	156	145
Delaware	21	7	100.0	100.0	1.11	1.16	141	139
Maryland	879	787	46.4	56.7	1.22	1.23	171	165
Massachusetts	40	-	-	-	.75	-	185	-
New York	19	-	-	-	1.29	-	168	-
West Virginia	503	506	53.8	47.4	1.37	1.41	124	113
Missouri	1,403	1,733	97.5	99.0	3.96	4.21	171	132
Missouri	1,403	1,733	97.5	99.0	3.96	4.21	171	132
Montana	18,830	19,169	94.1	96.7	.59	.63	142	135
Georgia	-	54	-	-	-	.34	-	181
Illinois	1,633	1,613	100.0	99.2	.39	.38	292	282
Indiana	399	142	65.1	77.3	.39	.35	242	257
Michigan	5,160	5,302	96.4	100.0	.36	.38	158	158
Minnesota	5,379	5,316	89.0	93.0	.75	.81	137	131
Montana	5,262	5,467	100.0	100.0	.73	.81	66	55
Nebraska	-	0	-	-	-	.36	-	23
Wisconsin	997	1,255	80.0	86.9	.70	.74	160	158
New Mexico	13,310	12,492	98.7	99.9	.74	.73	149	145
Arizona	4,257	4,081	100.0	100.0	.50	.49	187	182
Colorado	-	11	-	-	-	.42	-	131
Illinois	111	-	-	-	.43	-	170	-
Missouri	18	-	-	-	.34	-	135	-
New Mexico	8,881	8,400	100.0	100.0	.87	.86	130	125
Wisconsin	43	-	-	-	.39	-	174	-
North Dakota	13,416	13,683	100.0	97.7	1.24	1.13	73	74
Minnesota	1	-	100.0	-	.87	-	174	-
North Dakota	12,280	12,521	100.0	97.5	1.22	1.10	69	70
South Dakota	1,135	1,162	100.0	100.0	1.51	1.49	117	125
Ohio	17,688	17,448	72.1	75.4	2.84	2.79	150	153
Alabama	366	1,503	93.2	100.0	2.02	1.89	118	208
Indiana	40	7	-	-	2.17	1.83	125	130
Kentucky	179	98	57.7	57.0	2.36	2.15	150	132
Michigan	73	60	100.0	100.0	2.99	2.65	210	209
Missouri	24	-	-	-	2.10	-	171	-
New Jersey	14	-	-	-	1.66	-	203	-
New York	38	7	-	-	1.55	1.53	160	160
Ohio	14,712	14,024	71.1	72.9	2.80	2.81	154	150
Pennsylvania	1,272	1,219	97.8	95.7	3.35	3.32	151	147
West Virginia	968	530	53.6	28.7	3.27	3.34	95	105
Oklahoma	856	584	51.8	42.5	1.28	1.91	139	140
Missouri	36	212	100.0	70.2	3.84	3.32	138	135
Oklahoma	818	372	49.7	26.8	1.17	1.12	139	143
Pennsylvania	29,946	28,534	67.3	67.1	1.46	1.41	154	147
Delaware	193	269	43.4	78.8	1.08	1.19	165	170
Kentucky	11	4	-	100.0	2.03	2.22	107	157
Maryland	1,418	1,417	93.4	95.6	1.47	1.49	180	169
Massachusetts	839	458	35.9	4.4	1.09	1.03	173	164
Michigan	1,055	833	72.9	81.9	1.09	1.02	158	173
Minnesota	3	-	100.0	-	1.02	-	176	-
New Hampshire	90	88	100.0	-	1.01	.87	179	173
New Jersey	26	22	-	-	.85	1.37	189	184
New York	3,225	3,259	47.0	45.8	1.45	1.35	155	148
Ohio	1,884	1,773	58.2	55.5	1.72	1.70	138	133
Pennsylvania	20,123	17,372	69.9	70.1	1.48	1.44	153	144
West Virginia	322	176	10.5	17.9	1.58	1.17	118	122
Wisconsin	956	765	100.0	100.0	1.27	1.28	158	150
Tennessee	2,919	2,831	57.9	60.2	1.14	1.04	149	138
Alabama	487	441	13.3	35.1	.87	.80	124	122
Florida	62	30	100.0	100.0	.83	.78	219	214

See footnotes at end of table.

**Table 14. Origin of Coal Received at Electric Utility Plants by Destination, January-July 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Tennessee								
Georgia	999	525	82.0	92.3	1.06	0.70	187	205
Kentucky	336	289	82.9	.1	2.09	2.04	121	102
North Carolina	-	118	-	100.0	-	1.05	-	190
South Carolina	164	23	-	.4	1.19	1.22	164	151
Tennessee	872	1,205	76.5	88.1	1.14	1.12	121	115
Texas	28,240	27,921	98.7	90.5	1.55	1.52	106	104
Texas	28,240	27,921	99.7	90.5	1.55	1.52	106	104
Utah	8,947	8,152	89.0	92.7	.44	.44	118	129
Nevada	1,656	1,349	100.0	100.0	.47	.45	181	192
Texas	-	207	-	57.8	-	.46	-	171
Utah	7,291	6,596	86.5	92.3	.43	.43	103	115
Virginia	9,842	10,742	89.2	82.9	.87	.88	170	164
Delaware	181	14	47.8	100.0	.67	.72	196	202
Florida	517	480	100.0	100.0	.58	.58	249	232
Georgia	1,833	1,933	81.7	87.6	1.07	1.11	176	167
Kentucky	60	-	100.0	-	.58	-	158	-
Massachusetts	792	1,194	98.2	100.0	.95	.90	173	161
Michigan	113	354	100.0	100.0	1.09	.90	186	175
New Jersey	700	750	99.9	71.8	.58	.61	177	172
North Carolina	2,466	2,503	98.9	92.8	.83	.79	168	169
South Carolina	577	575	92.4	87.4	.93	.95	161	157
Tennessee	691	802	100.0	81.0	1.39	1.44	131	122
Virginia	1,811	2,114	74.5	73.2	.70	.70	154	157
Wisconsin	-	23	-	-	-	.55	-	161
Washington	2,815	2,907	99.7	98.8	.92	.87	165	159
Washington	2,815	2,907	99.7	98.8	.92	.87	165	159
West Virginia	50,387	47,314	78.1	75.7	1.31	1.29	157	151
Alabama	4	36	-	100.0	.51	.60	151	124
Delaware	769	747	95.2	92.9	.67	.65	183	182
Florida	1,195	1,282	88.5	86.1	.98	.99	184	182
Georgia	864	752	100.0	100.0	.57	.54	246	240
Illinois	152	160	15.2	58.1	.52	.52	158	167
Indiana	253	204	89.8	38.9	.55	.82	207	177
Kentucky	1,808	1,503	39.8	42.8	.63	.66	129	118
Louisiana	159	105	100.0	100.0	.52	.50	205	203
Maryland	3,123	2,231	80.8	59.5	.97	.92	156	149
Massachusetts	887	1,039	84.9	89.0	.97	.93	168	154
Michigan	3,224	3,398	76.8	77.8	.68	.57	171	183
Minnesota	2	-	100.0	-	.95	-	169	-
Mississippi	-	22	-	-	-	1.12	-	144
New Hampshire	477	408	82.3	-	1.60	1.70	176	166
New Jersey	981	1,083	88.0	75.9	1.02	1.04	180	175
New York	2,533	1,984	87.9	92.8	1.57	1.50	162	162
North Carolina	3,127	2,405	79.8	88.9	.63	.62	177	173
Ohio	7,492	7,157	78.1	70.7	1.49	1.48	148	139
Pennsylvania	5,278	5,313	95.4	80.2	2.33	2.18	146	139
South Carolina	9	4	47.4	100.0	.77	.89	179	198
Tennessee	-	18	-	100.0	-	2.09	-	139
Virginia	880	1,709	73.5	32.1	.76	.66	156	146
West Virginia	16,971	15,880	78.3	78.1	1.43	1.46	149	141
Wisconsin	102	3	-	-	1.11	.59	165	177
Wyoming	89,844	93,786	86.0	89.1	.44	.45	134	139
Alabama	216	-	-	-	.44	-	170	-
Arkansas	6,049	6,448	100.0	100.0	.40	.39	166	163
Colorado	3,077	3,265	100.0	96.1	.39	.37	106	102
Georgia	629	-	9.3	-	.38	-	124	-
Illinois	1,886	2,127	95.3	98.5	.42	.48	293	290
Indiana	6,878	3,259	81.9	73.1	.39	.44	129	152
Iowa	7,839	6,886	68.4	90.8	.43	.44	105	119
Kansas	8,204	8,197	97.8	90.0	.41	.42	123	121
Kentucky	113	-	34.5	-	.35	-	124	-
Louisiana	4,051	5,074	100.0	100.0	.54	.56	180	189
Michigan	1,081	288	41.9	-	.31	.33	111	118
Minnesota	4,181	3,188	99.2	99.4	.30	.31	127	124
Missouri	4,073	3,989	65.2	78.1	.42	.44	97	84
Nebraska	5,034	4,219	78.2	80.0	.42	.42	77	85
Nevada	378	146	100.0	100.0	.43	.52	202	186
Oklahoma	7,857	8,082	92.5	85.6	.45	.44	139	135

See footnotes at end of table.



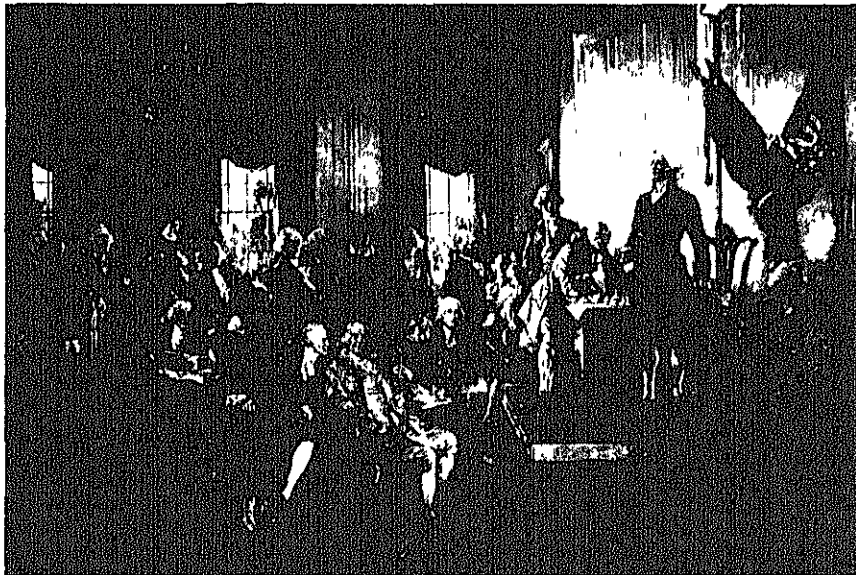
**Table 14. Origin of Coal Received at Electric Utility Plants by Destination,  
January-July 1990 (Continued)**

State of Origin and Imports State of Destination	Receipts (thousand short tons)		Contract Receipts (percent)		Sulfur Content (lbs. sulfur per MM Btu)		Price (cents per MM Btu)	
	1990	1989	1990	1989	1990	1989	1990	1989
Wyoming								
Oregon	101	-	100.0	-	0.38	-	111	-
Texas	19,131	20,230	94.8	82.9	.44	0.42	183	184
Washington	348	403	-	-	.35	.42	127	124
Wisconsin	6,108	5,683	88.3	87.1	.41	.40	112	129
Wyoming	12,830	12,295	83.7	90.5	.60	.58	83	85
Imported Coal	808	810	89.3	87.5	.61	.56	178	175
Canada	34	-	-	-	.97	-	181	-
New Hampshire	34	-	-	-	.97	-	181	-
Colombia	543	573	88.2	71.9	.85	.58	178	177
Florida	479	412	100.0	100.0	.65	.61	177	173
Georgia	-	23	-	-	-	.54	-	173
Maryland	-	138	-	-	-	.48	-	190
Massachusetts	64	-	-	-	.61	-	179	-
Venezuela	231	37	35.1	-	.47	.36	178	141
Florida	80	37	-	-	.55	.36	182	141
Massachusetts	70	-	-	-	.48	-	181	-
New Hampshire	81	-	100.0	-	.39	-	189	-
U.S. Total	453,312	425,868	82.7	83.2	1.29	1.27	146	144

Notes: Totals may not equal sum of components because of independent rounding. MM Btu represents million Btu.  
Source: Federal Energy Regulatory Commission, FERC Form 423, "Monthly Report of Cost and Quality of Fuels for Electric Plants."

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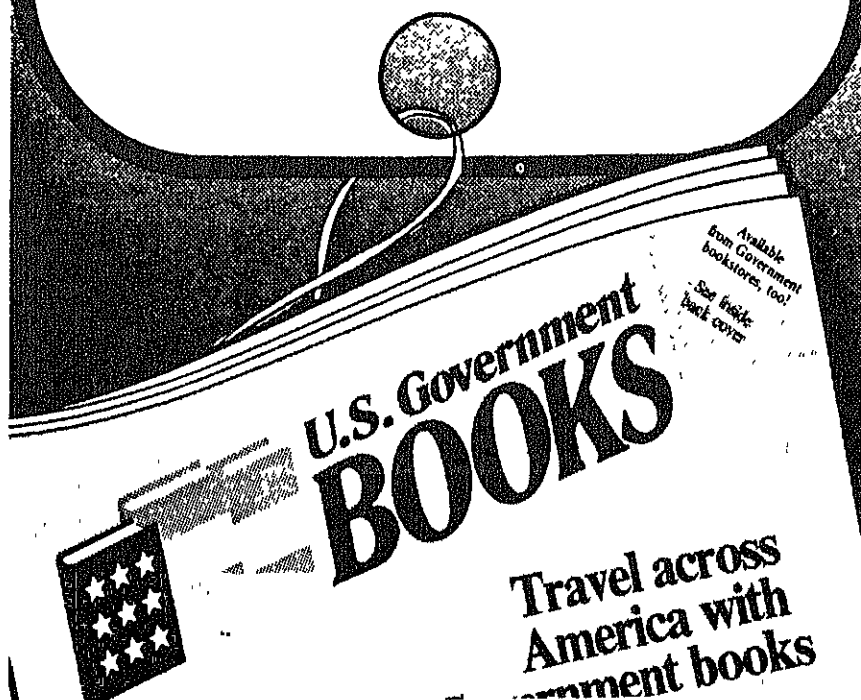
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